

## U.S. Department of Energy Electricity Advisory Committee

### Electricity Advisory Committee Meeting June 7-8, 2017

Wednesday, June 7, 2017

12:00 to 1:00 pm	<b>EAC Leadership Committee Meeting</b>
12:00 to 1:00 pm	<b>Registration</b> Public Sign-up for Comments on Day 2
1:00 to 1:15 pm	<b>Welcome, Introductions, Developments since the March 2017 Meeting</b> Sue Tierney, EAC Chair and Matthew Rosenbaum, EAC Designated Federal Officer
1:15 to 1:30 pm	<b>Update on the DOE Office of Electricity Delivery and Energy Reliability (OE) Programs and Initiatives</b> Patricia Hoffman, Acting Assistant Secretary, DOE-OE
1:30 to 2:10 pm	<b>Presentation from New Administration &amp; EAC Discussion</b>
2:10 to 2:45 pm	<b>Update on the GMLC Program and Initiatives</b> Kevin Lynn, Director, Grid Integration, DOE-EERE
2:45 to 3:00 pm	<b>Break</b>
3:00 to 4:30 pm	<b>Panel Session: Gas-Electric Integration</b> Moderator: Granger Morgan, EAC Member Sue Tierney, EAC Member and Senior Advisor, Analysis Group Bob Ethier, Vice President-Market Operations, ISO New England Alex Rudkevich, Project Lead, ARPA-E Gas-Electric Co-Optimization
4:30 to 4:45 pm	<b>Break</b>
4:45 to 5:05 pm	<b>Grid Modernization Working Group Activities and Plans</b> Anjan Bose, Grid Modernization Working Group Chair <i>Seek EAC Approval for Work Product: Review of the DOE Grid Modernization Initiative</i>
5:05 to 5:25 pm	<b>EAC Smart Grid Subcommittee Activities and Plans</b> Paul Centolella, Smart Grid Subcommittee Chair <i>Seek EAC Approval for Work Product: DER Valuation and Integration</i>
5:25 to 5:45 pm	<b>EAC Energy Storage Subcommittee Activities and Plans</b> Merwin Brown, Energy Storage Subcommittee Chair <i>Seek EAC Approval for Work Product: High Penetration of Energy Storage</i>
5:45 to 6:00 pm	<b>EAC Power Delivery Subcommittee Activities and Plans</b> John Adams, Power Delivery Subcommittee Chair
6:00 pm	<b>No-Host Dinner for EAC Members and DOE Staff</b> Pinzimini at the Westin

## Electricity Advisory Committee in-Person Meeting Cont.

Thursday, June 8, 2017

Prior to 8:00 am	<b>Breakfast on your own</b>
8:00 to 8:15 am	<b>Welcome: Overview of Energy Storage Session During the EAC June 2017 Meeting</b> Merwin Brown, EAC Energy Storage Subcommittee Chair Janice Lin, EAC Energy Storage Subcommittee Member
8:15 to 8:45 am	<b>Session Scope and Objectives: Overview of Energy Storage and Key Trends</b> Janice Lin, EAC Energy Storage Subcommittee Member and Session Moderator <i>*Introduction of Cross-Panel Contributors (see list on page 3)</i>
8:45 to 9:45 am	<b>Power Sector Vulnerabilities: Panel &amp; Facilitated Discussion</b> Moderator: Janice Lin, EAC Energy Storage Subcommittee Member Granger Morgan, Chair, Grid Resiliency Committee, National Academy of Sciences Damian Sciano, Director, Distributed Resource Integration, Consolidated Edison Mark Lauby, Senior Vice President and Chief Reliability Officer, NERC
9:45 to 10:00 am	<b>Break</b>
10:00 to 11:15 am	<b>Advances in Energy Storage for System Reliability and Resiliency: Panel &amp; Discussion</b> Moderator: Janice Lin, EAC Energy Storage Subcommittee Member Fred Hoover, Senior Program Director, National Association of State Energy Officials Mark Irwin, Director of Energy Contract Management, Southern California Edison Praveen Kathpal, Vice President, AES Energy Storage
11:15 to 11:45 am	<b>Lunch Break</b> <i>Return with lunch for working lunch</i>
11:45 to 1:00 pm	<b>Storage and Microgrids - New Applications: Panel &amp; Discussion</b> Moderator: Janice Lin, EAC Energy Storage Subcommittee Member Paul Hibbard, Principal, Analysis Group Jessie Denver, Energy Program Manager, San Francisco Dept. of the Environment Mark Vanderhelm, Vice President, Energy, Walmart Ariel Castillo, Senior Program Manager, US Department of Defense
1:00 to 1:30 pm	<b>Regional Resiliency and Security with Bulk Storage: Presentation &amp; Discussion</b> Richard Walje, CEO, Magnum Compressed Air Energy Storage
1:30 to 2:45 pm	<b>Take-Aways and Key Themes: Facilitated Discussion</b> EAC Members and Invited Panelists
2:45 to 2:55 pm	<b>Public Comments</b> Must register with meeting facilitators
2:55 to 3:00 pm	<b>Wrap-up and Adjourn June 2017 Meeting of the EAC</b> Sue Tierney, EAC Chair

**Thursday, June 8, 2017 Cont.**

8:00 am to 3:00 pm

**\*Cross-Panel Contributors:**

US Dept. of Energy – Office of Electricity Delivery and Energy Reliability (OE)

- Patricia Hoffman, Acting Assistant Secretary, DOE-OE

US Dept. of Energy – Infrastructure Security and Energy Restoration (ISER)

- Jeff Baumgartner, Emergency Management Specialist, DOE-OE

US Dept. of Defense – OASD Energy, Installations, Environment

- Ariel Castillo, Senior Program Manager, DOD

US Dept. of Homeland Security

- Representative

US House of Representatives – House Committee on Energy and Commerce

- Tom Hassenboehler, Chief Counsel for Energy and Environment, CEC

US Senate – Committee on Energy & Natural Resources

- Patrick J. McCormick III, Chief Counsel, ENR

Utility Industry Representative - Southern California Edison

- Mark Irwin, Director of Energy Contract Management, SCE

Utility Industry Representative - Consolidated Edison

- Damien Sciano, Director, Distributed Resource Integration, ConEd

Labor Representative – IBEW

- Terry Coleman, Director, Electrical Training ALLIANCE, IBEW

Project Finance Representative – GAF Materials Corporation

- Tony Ruffine, Vice President, GAF

Developer Representative – AES Energy Storage

- Kiran Kumaraswamy, Market Development Director, AES